

DERWENT-ACC-NO: 2000-287062

DERWENT-WEEK: 200039

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TITLE: Coloring of core sheath composite
fiber - involves coloring the core part of fiber with
level dyeing agent using cationic dye

PATENT-ASSIGNEE: ASAKURA SENPU KK[ASAKN] , TORAY IND
INC[TORA]

PRIORITY-DATA: 1998JP-0249474 (September 3, 1998)

*Core-dyed - PET
Sheath-undyed - PA*

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
JP 2000080575 A		March 21, 2000	N/A
006	D06P 003/82		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP2000080575A	N/A	
1998JP-0249474	September 3, 1998	

INT-CL (IPC): D06P001/44, D06P003/82 , D06P003/854

ABSTRACTED-PUB-NO: JP2000080575A

BASIC-ABSTRACT:

NOVELTY - The core sheath composite fiber contains sulfonated aromatic dicarboxylic acid modified polyamide as sheath part (composite ratio of 25-75 weight percent) and sulfonated aromatic dicarboxylic acid modified polyester as core part. The core part of composite fiber is colored with the level dyeing agent (2) using a cationic dye.

USE - None given.

ADVANTAGE - The core part of composite fiber is uniformly colored by cationic dye without linear unevenness. The composite fiber has favorable level dyeing property and excellent fastness property.

DESCRIPTION OF DRAWING(S) - The figure shows the composite fiber before and after preprocessing. (2) Level dyeing agent.

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: CORE SHEATH COMPOSITE CORE PART LEVEL DYE AGENT CATION DYE

DERWENT-CLASS: A23 E19 F06

CPI-CODES: A05-E01B; A05-F01E1; A08-E01; A12-S05B;
A12-S05N; E10-A03;
E10-A09A; E10-A09B; E10-B03B; E10-D03C; E25;
F01-D03; F01-D04;
F01-E01; F03-F22;

CHEMICAL-CODES:

Chemical Indexing M4 *01*

Fragmentation Code

M417 M782 M903 M904 R023 W004 W031 W032 W033 W034

W321 W323 W336 W532 W533 W541 W542

Markush Compounds

200025-GKT01-K 200025-GKT01-M

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; G1343*R G1310 G4024 D01 D60 F37 F35 E00 E00*R

D18*R F62 ;

H0011*R ; H0293 ; P0635*R F70 D01 ; S9999 S1172 S1161

S1070 ; S9999

S1127 S1116 S1105 S1070

Polymer Index [1.2]

018 ; P0839*R F41 D01 D63 ; S9999 S1127 S1116 S1105

S1070 ; S9999

S1172 S1161 S1070

Polymer Index [1.3]

018 ; ND04 ; N9999 N5787*R N5765 ; K9745*R ; ND00 ;

B9999 B3429

B3418 B3372 ; B9999 B5356 B5276

Polymer Index [1.4]

018 ; K9643 K9621 ; A999 A099 A077 ; A999 A771 ; B9999
B4762 B4740

Polymer Index [1.5]

018 ; D01 D10*R D11 D10 F93 F70 F27 F26 ; D01 D11 D10
D63 F08 F07
F89 F41 ; D01 N* 5A O* 6A F20 ; A999 A215 ; A999 A771 ;
K9325 ;

B9999 B4762 B4740

Polymer Index [1.6]

018 ; D01 D11 D10 D50 D61*R F62 ; D01 D11 D10 D60 D61*R
F37 F35
F62 E28 E00 ; D01 D61*R D63 F41*R F62 ; D01 D11 D10 D20
D18 D32
D78 D50 D61*R F62 ; D01 D11 D10 D27 D20 D18 D32 D78 D53
D51 D58
D61*R F62 ; D01 D61*R F62 F93 F70 ; A999 A204 ; A999
A771 ; K9632

K9621 ; B9999 B4762 B4740

Polymer Index [2.1]

018 ; G1343*R G1310 G4024 D01 D60 F37 F35 E00 E00*R
D18*R F62 ;

S9999 S1138 S1116 S1105 S1070 ; H0011*R ; H0293 ;
P0635*R F70 D01

; S9999 S1172 S1161 S1070

Polymer Index [2.2]

018 ; ND04

Polymer Index [3.1]

018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47
; H0000 ;

P0055 ; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ;
M9999 M2028

; M9999 M2153*R ; A999 A215 ; A999 A782 ; M9999 M2039

Polymer Index [3.2]

018 ; K9325 ; B9999 B4762 B4740

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

C2000-087181